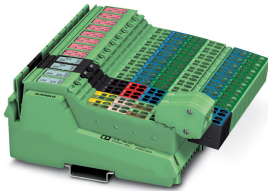


I/O module - ILB IB 24 DO32 - 2862369

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Inline, Block IO, INTERBUS, Inline shield connector, Digital outputs: 32, 24 V DC, 500 mA, connection method: 3-conductor, degree of protection: IP20, including Inline connector



Your advantages

- 32 digital outputs
- Connection of actuators in 2- and 3-conductor technology
- Nominal current per output: 500 mA
- Total current of the terminal: 16 A
- Short-circuit-proof and overload-protected outputs
- Diagnostic and status indicators



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 923846
GTIN	4017918923846
Weight per Piece (excluding packing)	566.300 g
Custom tariff number	85389091
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

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Technical data

Dimensions

Caption	The figure shows the general dimensional drawing of the Inline Block IO product family
Width	156 mm
Height	141 mm
Depth	57 mm
Note on dimensions	Specifications with connectors

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	max. 85 % (non-condensing)
Permissible humidity (storage/transport)	95 % (non-condensing)
Air pressure (operation)	80 kPa ... 108 kPa (up to 2000 m above sea level)
Air pressure (storage/transport)	66 kPa ... 108 kPa (up to 3500 m above sea level)
Degree of protection	IP20

General

Mounting type	DIN rail
Color	green
Net weight	510 g
Note on weight specifications	with connectors

Interfaces

Designation	INTERBUS
Connection method	Inline shield connector
Transmission speed	500 kbps

Digital outputs

Output name	Digital outputs
Connection method	Spring-cage connection
Connection technology	3-conductor
Number of outputs	32
Protective circuit	Short-circuit and overload protection
Output voltage	24 V DC
Nominal output voltage	24 V DC
Nominal load, inductive	12 VA
Nominal load, lamp	12 W
Nominal load, ohmic	12 W
Limitation of the voltage induced on circuit interruption	approx. -36 V

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Technical data

Electrical isolation

Test section	I/Os / incoming remote bus 500 V AC 50 Hz 1 min.
	I/Os / outgoing remote bus 500 V AC 50 Hz 1 min.
	I/O area / FE 500 V AC 50 Hz 1 min.
	Incoming remote bus / FE 500 V AC 50 Hz 1 min.
	Outgoing remote bus / FE 500 V AC 50 Hz 1 min.
	Incoming remote bus / outgoing remote bus 500 V AC 50 Hz 1 min.

Standards and Regulations

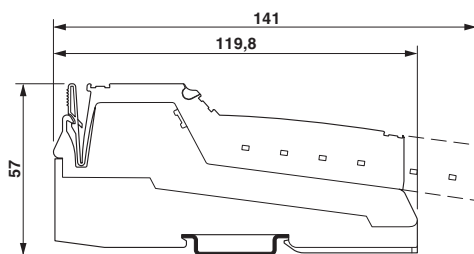
Noise emission	Class B (residential)
Mechanical tests	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g
	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 25g
Connection in acc. with standard	CUL
Protection class	III (IEC 61140, EN 61140, VDE 0140-1)

Environmental Product Compliance

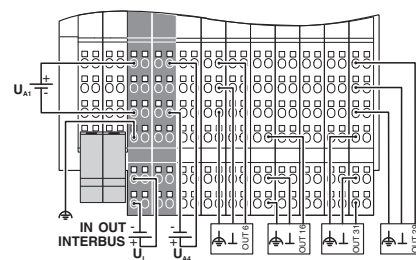
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Connection diagram



The figure shows the general dimensional drawing of the Inline Block IO product family

Classifications

eCl@ss

eCl@ss 10.0.1	27242604
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Classifications

eCl@ss

eCl@ss 11.0	27242604
eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242604
eCl@ss 9.0	27242604

ETIM

ETIM 2.0	EC001430
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 6.0	EC001599
ETIM 7.0	EC001599

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

Approvals

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UL Recognized / cUL Recognized / INTERBUS CLUB / cULus Recognized

Ex Approvals


UL Listed / cUL Listed / cULus Listed

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Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
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cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
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INTERBUS CLUB			428/06.04.04
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cULus Recognized			
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